

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR

Publication
EP 1024337 A1 20000802 (EN)

Application
EP 98941868 A 19980914

Priority
• JP 9804140 W 19980914
• JP 25084797 A 19970916

Abstract (en)
A heat exchanger, which has tubes (2) for heat exchanging of a medium, header pipes (4) for distributing and collecting the medium, and connectors (8) for connecting an external pipe for supplying or receiving the medium assembled and brazed into one body, wherein the connectors (8) are provided with stepped sections (83) in order to prevent flux and a brazing material for brazing from entering a joint face (82) with the external pipe. The stepped sections (83) are continuously formed on the entire outer periphery of the connector (8). The joint faces (82) are respectively arranged to face downward with respect to a vertical plane when the flux is applied. <IMAGE>

IPC 1-7
F28F 9/02; **F28F 9/26**

IPC 8 full level
B23K 1/00 (2006.01); **F28F 9/02** (2006.01); **F28F 9/04** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)
B23K 1/0012 (2013.01); **F28F 9/0246** (2013.01); **F28F 9/0251** (2013.01); **B23K 2101/14** (2018.07)

Cited by
EP1428603A3; EP1371927A3; US9452486B2; WO2005102579A1

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